

REPORT OF CHANNEL CONDITIONS 400 FEET WIDE OR GREATER (ER 1130-2-306)						PAGE 1 OF 1		
						DATE December 27 2006		
TO: The Record					FROM: U.S. Army Corps of Engineers 26 Federal Plaza, ATTN: CENAN-OP-ST New York, NY 10278-0090			
RIVER/HARBOR NAME AND STATE: New York Harbor – Channel Along NJ Pierhead Line					MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD			
NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	LEFT INSIDE QUARTER (feet)	RIGHT INSIDE QUARTER (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (nmiles)	DEPTH (feet)				
Widening (Reach A) on east side of junction with NY & NJ channels Commencing from Red Gas #2 to Red NUN #8	Map 34 Pg 2 of 2; 6 & 8 Nov 2006	300	0.45	20	18.6			
Reach A: From junction with NY & NJ channels to RED NUN #8	Map 34 Pg 2 of 2; 6 & 8 Nov 2006	Irregular	0.55	20	13.8	20.5	21.5	21.3
Reach B: Commences from RED NUN #8 to RED NUN #18	Map 34 Pg 1 thru 2 of 2; 6 & 8 Nov 2006	500	0.86	20	5.2	17.6	17.8	13.3
Reach C: Commences from RED NUN #18 to GREEN GAS #1	Map 34 Pg 1 of 2; 6 & 8 Nov 2006	500	0.89	20	7.2	7.3	7.3	7.4
Widening (Reach C) commencing from RED NUN #18 to GREEN CAN #3	Map 34 Pg 1 of 2; 6 & 8 Nov 2006	Irregular	0.62	20	8.1			
REMARKS: <ul style="list-style-type: none"> All depths in MLW Channel length is in nautical miles. Widening (Reach A): Shoal exists at approximately 1,200 feet upstream of Red GAS #2 and stretches for approximately 800 feet with minimum depth of 18.6 feet. Reach A: Some shoaling occurring along the left outer quarter from Green Gas #1 to Green Gas #15 with minimum depth of 13.8 feet along the channel toe line. Reach B: Shoaling exists along the left outer quarter of the channel from Green Gas #13 to a point approximately 1,350 feet upstream with minimum depth of 5.2 feet along the channel toe line. Reach C: The channel is completely shoaled in starting from Green CAN #19 and Red NUN #18 to Green Can #3 with minimum depth across the entire channel of about 7.2 feet. There is a break in the shoal across the entire channel width between buoy Red & Green "P" and buoy Red GAS #6. Widening (Reach C): Shoaling exists in the entire widening with the exception of the area between Green CAN #5 and Red NUN #4 South. The minimum depth is 8.1 feet near the channel bend. 								